



Education News

Volume 8, Issue 3

John C. Stennis Space Center

Aug. - Oct. 2004

EDUCATION NOTES

K - 12

Look for the new Educator Resource Center fall workshop brochure in the mail.

Tell your fellow educators to sign up for Education News updates at <http://education.ssc.nasa.gov>.

Look inside for information about new NASA materials available from Spacelink.

Higher Education

Summer internship applications will be due before you know it. Start preparing now for summer 2005 internship opportunities.

Information about NASA's Scholarship for Service — coming soon!

The deadline to apply for the NASA DEVELOP program is Sept. 4! Apply today at <http://develop.larc.nasa.gov>.

K-12 Education Fall Workshops

Sept. 21	PowerPoint XP for Beginners
Sept. 23	Introductory Robotics
Sept. 28	PowerPoint XP for Intermediate and Advanced
Sept. 29	GLOBE Hydrology Protocol
Oct. 5	Measurement Mania
Oct. 7	JASON Project – The Disappearing Wetlands
Oct. 13	Robots, Satellites and Much More
Oct. 14	NASA across the Curriculum
Oct. 21	JASON Project – The Disappearing Wetlands
Oct. 28	“A” is for Animals
Nov. 2	GLOBE Land cover Protocol
Nov. 17	GLOBE Atmosphere Protocol
Nov. 18	Science as Inquiry
Dec. 1	GLOBE Soil Protocol



Sign up today

Sign up today for free professional development workshops at the Stennis Space Center Educator Resource Center (ERC) and learn how to incorporate NASA research and resources into your curriculum.

From learning about our environment to utilizing technology, our workshops will enhance your classroom and take you and your students on a journey that is out of this world!

All workshops are free and offer continuing education units.

To make reservations, call the ERC at 1-800-237-1821 (option 2) or (228) 688-3338 between 7 a.m. and 3 p.m. Monday - Friday. For further information, e-mail sherrill.reynolds@ssc.nasa.gov.

See you there!

Visit our Web site at <http://education.ssc.nasa.gov>



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What's new in . . .

NASA's Educator Resource Center

To obtain these valuable NASA resources, contact the ERC at 1-800-237-1821 (option 2), (228) 688-3338 or by e-mail at sherrill.reynolds@ssc.nasa.gov.

New Videos

NASA's Destination Tomorrow Programs 14 and 15: Bringing the Future into Focus – This video series for educators, parents and lifelong learners focuses on NASA's aeronautical research.

NASA Spacelink

The Air We Breathe Picture Book – This colorful picture book introduces information about the Earth's atmosphere and air quality to K-4 students. Visit <http://spacelink.nasa.gov/products/The.Air.We.Breathe> to obtain a copy of the picture book.

NASA Urban and Rural Community Enrichment Program (URCEP) Brochures – URCEP is a professional development program for educators of grades 5-8. To learn more about the program and for contact information, visit <http://www.spacelink.nasa.gov/products/Urban.and.Rural.Community.Enrichment.program.Brochure>.

College students – start planning now for summer 2005 internship opportunities

Students, start planning now for summer 2005.

There are lots of great research and internship opportunities at NASA centers across the country. Applications for programs are usually due in January or February so it is important to start now before the busy exam and holiday season begins.

For information about opportunities for college students and professors at Stennis Space Center, visit <http://education.ssc.nasa.gov>. Select the "learning" link and you will be connected to information about numerous internship programs for college students.



\$\$ for college!

NASA's scholarship for service program to kick off soon

An exciting new program that awards scholarships to students who agree to work for NASA after graduation is expected to be in place for the 2005-2006 school year. For information about NASA's Science and Technology Scholarship for Service Program, visit <http://www.nasa.gov> and select the "for students" and "post secondary" link for information about all opportunities for college students. Information about the scholarship should be posted soon, so check the site often.

New minority university funding opportunities to be announced

Announcements will be made this fall regarding new minority university research and education funding opportunities. Visit <http://www.nasa.gov> for the latest news about NASA programs and events.

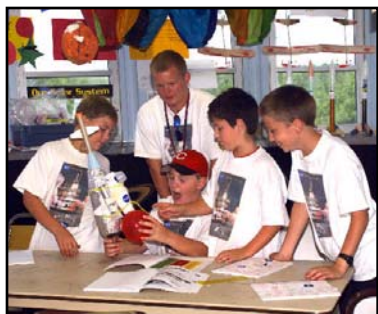
<http://education.ssc.nasa.gov>

...to inspire the next generation of explorers

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Astro Camp Saturdays to be held this fall



StennisSpace will host Astro Camp Saturdays this fall for students 7-12 years old.

Astro Camp Saturdays are filled with exciting, hands-on educational activities centered around NASA missions and research.

For more information about dates, themes and the cost of Astro Camp Saturdays, call 1-800-237-1821 (option 1).

Book fall field trips to StenniSphere

Stennis Space Center's visitor center, StenniSphere, is a great resource for educators.

Exhibits engage students with hands-on experiments and highlight NASA history and technology.

StenniSphere's winter hours begin after Labor Day. Winter hours are 9 a.m. to 4 p.m. Monday through Saturday. StenniSphere is closed on major holidays.

Book field trips for your class by calling (228) 688-2370 or 1-800-237-1821 or visiting <http://www.ssc.nasa.gov/public/visitors/schooltour/schtour.html>.

New exhibits and shows



The Eagle Has Landed

Bring your students to StenniSphere to learn about the historic Apollo 11 Moon landing.

A new exhibit and live show commemorate the 35th anniversary of the Apollo 11 mission.

The exhibit and the show – both titled “The Eagle Has Landed” – will take you back in time to experience the significance of the Apollo 11 Moon landing.

The exhibit traces the history of the Apollo program and describes the important role Stennis Space Center played in going to the Moon.

The play is produced in partnership with WINGS, the children's performing arts division of the Lynn Meadows Discovery Center in Gulfport, Miss., and will run through Aug. 8. Contact StenniSphere for show times and for more information about the Apollo exhibit at 1-800-237-1821.

Also on display on the grounds of StenniSphere is a “Moon tree.” The tree was planted in commemoration of the Apollo anniversary and is descended from seeds carried to the Moon by NASA Astronaut and Mississippi Gulf Coast resident Stuart Roosa.

For more information and classroom activities about the Apollo program and the Apollo 11 anniversary, please visit http://www.nasa.gov/vision/space/features/apollo11_35th.html and <http://spacelink.nasa.gov/NASA.Projects/Human.Exploration.and.Development.of.Space/Human.Space.Flight/Apollo.Missions/.index.html>.





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Look for us at...

Staff from the NASA Educator Resource Center (ERC) at Stennis will be on hand at each of these events to distribute NASA educational materials.

●**The Mississippi Council for Teachers of Mathematics** conference in Jackson, Miss., Sept. 18-19.

●**The Mississippi Association of School Administrators** conference in Jackson, Miss., Oct. 18-19.

●**The Mississippi Science Teachers Association** conference in Jackson, Miss., Oct. 25-26.

Apply now for NASA's DEVELOP program

The DEVELOP program brings the benefits of NASA's Earth science research to communities across the country. Participants chosen for the student-led program initiate the projects that help these communities.

High school and university students with at least a 3.0 grade point average and a strong interest in Earth science, technology or math are encouraged to apply for internships and scholarships.

The deadline for applications is Sept. 4. Students can apply online at <http://develop.larc.nasa.gov>.

NASA Education News e-mail updates

Members of the education community are encouraged to sign up to receive e-mail updates about the NASA Education News.

We want to inform as many educators as possible about the great education programs that are available at NASA Stennis Space Center. If you or someone you know is interested in receiving information about NASA education programs, visit our Web site at <http://education.ssc.nasa.gov> to sign up for free e-mail updates.

Check out cool NASA Web sites!

NASA Web site great resource for geology and biology educators

NASA's Astro-Venture Web site is an interactive site where students role-play NASA careers while they search for and design a planet suitable for human habitation. Astro-Venture highlights astrobiology research in the areas of astronomy, biology, geology and atmospheric sciences.

Recently, Astro-Venture released educator guides for middle school teachers. The guides help teachers meet national standards in geology and biology.

The geology educator guide helps address standards in such areas as the effects of heat and pressure on states of matter, density, convection, plate tectonics, volcanoes, the carbon cycle, Earth's magnetic field and radiation.

The biology educator guide addresses standards for ecosystems, producers and consumers, energy, and the cycle of matter.

Other helpful information such as fact sheets about NASA careers and new modules are available on the site. There is a special student publishing area and they can also chat with NASA scientists and participate in online collaborations.

Visit the Astro-Venture Web site at <http://astroventure.arc.nasa.gov>. The teacher guides can be found in the teachers/parents link.

Education News is published by the NASA John C. Stennis Space Center Office of External Affairs, Education Office. Adm. Thomas Q. Donaldson V, USN (Ret.) is the center director; Pamela Covington is the manager of the Office of External Affairs and Dr. Dewey Herring is education lead for the Office of External Affairs.

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Visit the Stennis Space Center
Education Office Web site at:
<http://education.ssc.nasa.gov>.